IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

MARK R. FERNALD ET AL

Serial No.: 10/712,818

Filed: November 12, 2003

Title: An Apparatus Having an Array of Clamp on Piezoelectric Film Sensors for Measuring

Parameters of a Process Flow within a Pipe

Commissioner of Patent and Trademarks

P.O. Box 1450

Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants submit herewith references in accordance with 37 CFR 1.56 and 37 CFR 1.97.

Also enclosed is form PTO1449 listing the cited references.

Please charge any additional fees or credit overpayment to Deposit Account No. 50-0260,

Order No. CC-0675.

Respectfully submitted,

MARK R. FERNALD ET AL

Docket No.: CC-0675

Group No.: 2863

Confirmation: 8840

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Form PTO-1449 U.S. Department of Com Attorney Docket No. Serial No. 10/712,818 Patent and Trademark Of (Rev. 8-83) CC-0675 MAY 0 9 2006 Applicant: Information Disclosure Citation MARK R. FERNALD ET AL. (Use several sheets Filing Date: Group Art Unit: November 12, 2003 2863 U. S. PATENT DOCUMENTS Examiner Document Number Date Name Class Subclass Filing Date Initial If Appropriate 0 0 0 4 05/1978 Ligier et al. 4 2 1 6 4 0 3 08/1980 Claassen et la. 4 3 7 6 3 0 2 03/1983 Miller et al. 4 7 9 4 2 9 12/1988 Penneck et al. 4 6 3 8 2 0 01/1987 Radice et al. 5 3 1 2 7 07/1992 1 Baumoel 5 5 5 0 7 9 08/1996 Peloquin 1 9 4 9 5 5 0 5 09/2005 Johansen 2004 Bailey et al. 0 1 6 8 5 2 3 09/2004 FOREIGN PATENT DOCUMENTS Document Number Date Class Examiner Country Subclass Translation Initial Yes/No 04/1996 FR 7 France 04/1995 Great Britain 2 2 8 3 GB 2 9 1 07/2003 World PCT wo 03 0 6 2 7 5 9 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) "Mass Fraction Measurements in Multiphase Flow using a Clamp on PVDF Array", Johan Carlson, Oct. "PVDF and Array Transducers", Robert A. Day, NDTnet - Sept. 1996, Vol. 1, No. 9 "Polymer Piezoelectric Transducers for Ultrasonic NDE", Authors: Yhoseph Bar-Chohen, Tianji Xue And Shyh-Shiuh Lih, NDTnet - Sept. 1996, Vol. 1, No. 9 "Piezofilm Sensors Technical Manual" - Measurement Specialities, Inc. P/N 1005663-1 - Rev. B 02 April "Noise and Vibration Control Engineering Principles and Applications", Leo L. Beranek and Istvan L. Ver. A. Wiley Interscience Publication, pp. 537-541, Aug. 1992 "Two Decades of Array Signal Processing Research", The Parametric Approach", H. Krim and M. Viberg, IEEE Signal Processing Magazine, Jul., 1996, pp. 67-94 "Development of an array of pressure sensors with PVDF film, Experiments in Fluids 26", January 8, 1999,

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.

"Viscous Attentuation of Acoustic Waves in Suspensions" by R.L. Gibson, Jr. and M.N. Toksoz

"Sonar-Based Volumetric Flow Meter for Pulp and Paper Applications" by: Daniel L. Gysling and Douglas

"Sonar-Based Volumetric Flow Meter for Chemical and Petrochemical Applications by: Daniel L. Gysling

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H. Loose - 12/3/02